WEST Search History

DATE: Monday, November 24, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L10	replicable adj6 display adj6 antibody	8	L10
L9	L8 and pepscan or spotscan	14	L9
L8	phage adj5 display adj5 antibody adj5 library	474	L8
L7	(bacteriophage adj6 (antibodies or scfv)) and pepscan	0	L7
L6	L5 and pepscan	46	L6
L5	phage adj6 antibody	3840	L5
L4	L3 and overlap adj6 sets	1	L4
L3	L2 and (antigen or oligopeptide) adj6 (pins or beads or solid phase)	760	L3
L2	phage adj4 (antibody or scFv or Ig)	3107	L2
DB=USPT; PLUR=YES; OP=OR			
L1	6265150.pn.	1	L1

END OF SEARCH HISTORY

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  SEP 09  CA/CAplus records now contain indexing from 1907 to the
                  present
 NEWS  4  AUG 05  New pricing for EUROPATFULL and PCTFULL effective
                  August 1, 2003
 NEWS  5  AUG 13  Field Availability (/FA) field enhanced in BEILSTEIN
 NEWS  6  AUG 18  Data available for download as a PDF in RDISCLOSURE
 NEWS  7  AUG 18  Simultaneous left and right truncation added to PASCAL
 NEWS  8  AUG 18  FROSTI and KOSMET enhanced with Simultaneous Left and Righ
                  Truncation
 NEWS  9  AUG 18  Simultaneous left and right truncation added to ANABSTR
 NEWS 10  SEP 22  DIPPR file reloaded
 NEWS 11  SEP 25  INPADOC: Legal Status data to be reloaded
 NEWS 12  SEP 29  DISSABS now available on STN
 NEWS 13  OCT 10  PCTFULL: Two new display fields added
 NEWS 14  OCT 21  BIOSIS file reloaded and enhanced
 NEWS 15  OCT 28  BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS 16  NOV 24  MSDS-CCOHS file reloaded

 NEWS EXPRESS  NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 18:04:46 ON 24 NOV 2003

=> file ca medline
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'CA' ENTERED AT 18:05:06 ON 24 NOV 2003
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FILE 'MEDLINE' ENTERED AT 18:05:06 ON 24 NOV 2003

=> s replicable(5w)display(5w)(antibody or ab or scfv or Vl or vH)
L1 1 REPLICABLE(5W) DISPLAY(5W)(ANTIBODY OR AB OR SCFV OR VL OR VH)

=> d l1 ti au so py ab

L1 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS on STN
TI Antibody screening from replicable genetic display package (rgdp) library for therapeutic use
IN Kurosawa, Yoshikazu; Akahori, Yasushi; Hirono, Yukari; Kakita, Mai; Suzuki, Kazuhiro; Okuno, Yoshinobu
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
PY 2003
AB An affinitive linker is introduced into a target substance and captured by a binding partner capable of binding to the affinitive linker to thereby select a binding mol. capable of binding to the target substance. For example, a sugar chain contained in an influenza virus antigen (hemagglutinin) is labeled with an affinitive linker such as biotin and allowed to bind to streptavidin serving as a binding partner and then recovered. Thus, an antibody binding to the antigen can be easily concd. This method of selecting a binding mol. is useful in screening a neutralizer.

=> s phage display antibody
L2 145 PHAGE DISPLAY ANTIBODY

=> s l2 and pepscan or spotscan
L3 10 L2 AND PEPSCAN OR SPOTSCAN

=> d l3 1-10 ti au so py ab

L3 ANSWER 1 OF 10 CA COPYRIGHT 2003 ACS on STN
TI Delineation of a neutralizing subregion within the immunodominant epitope (GH loop) of foot-and-mouth disease virus VP1 which does not contain the RGD motif
AU Brown, Fred; Benkirane, Nadia; Limal, David; Halimi, Hubert; Newman, John F. E.; Van Regenmortel, Marc H. V.; Briand, Jean-Paul; Muller, Sylviane
SO Vaccine (1999), 18(1-2), 50-56
CODEN: VACCDE; ISSN: 0264-410X
PY 1999
AB The major immunogenic site of foot-and-mouth disease virus (FMDV) is contained in a disordered loop comprising residues 134-158 of capsid protein VP1, located on the surface of the viral particle. Peptides corresponding to this sequence generally elicit protective levels of neutralizing antibodies in guinea pigs. In some instances, however, the level of neutralizing antibodies is low although the level of antibodies against the peptide, detd. by ELISA, is as high as that in the sera with high neutralizing antibody titers. In an attempt to ascertain the reason for this difference, we have synthesized on a cellulose membrane 10 overlapping decapeptides, offset by one residue, covering the segment 141-159 of VP1 of two viruses belonging to serotypes A12 and O1, and tested them with guinea pig antisera raised against peptide 141-159, VP1 and FMDV particles (**SPOTscan** method). With type A, some peptides which were strongly pos. with highly neutralizing antisera did not include the RGD triplet located at residues 145-147. In contrast, antisera with low neutralization titers reacted only with decapeptides which included the RGD motif. Moreover, peptide 147-156 coupled to keyhole limpet hemocyanin, but not peptide 141-149 coupled to the same carrier, elicited high levels of neutralizing antibodies in guinea pigs.